

Substitute for form 1449AIP TO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	
				Filing Date	
				First Named Inventor	William Scott Rollins III
				Group Art Unit	
				Examiner Name	
Sheet	1	1	6	Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Initials* Examiner	No. Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
2/2	1	3,675,426		Vidal, et. al.	07-11-1972	
	2	3,879,616		Baker, et. al.	04-22-1975	
	3	4,201,924		Uran	05-06-1980	
	4	4,253,300		Willyoung	03-03-1981	
	5	4,333,310		Uran	06-08-1982	
	6	4,578,944		Martens, et. al.	04-01-1986	
	7	4,627,386		Duffy, et. al.	12-09-1986	
	8	4,896,496		Zervos	01-30-1990	
	9	5,269,130		Finckh, et. al.	12-14-1993	
	10	5,369,950		Bruckner, et. al.	12-06-1994	
	11	5,375,410		Briesch, et. al.	12-27-1994	
	12	5,428,950		Tonlinson	07-04-1995	
	13	5,442,908		Briesch, et. al.	08-22-1995	
	14	5,628,183		Rice	05-13-1997	
	15	5,642,614		Bozzuto, et. al.	07-01-1997	
	16	5,647,199		Smith	07-15-1997	
	17	5,649,416		Moore	07-22-1997	
Y	18	5,669,220		Raclud	09-23-1997	
	19	5,724,807		Schuetzenduebel, et. al.	03-10-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	No. Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	TS
		Office ³	Number ²	Kind Code ² (if known)				

Examiner Signature	<i>L. H. Corryole</i>	Date Considered	5/9/05
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449AIPTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known	
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			First Named Inventor William Scott Rollins III	
			Group Art Unit	
			Examiner Name	
Sheet 2	of 6	Attorney Docket Number		

U.S. PATENT DOCUMENTS						
Initials* Examiner	No. Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (Unknown)			
<i>L.H.C.</i>	20	3,505,811		F.A. Underwood	04-14-1970	
	21	3,879,616		Baker, et. al.	04-22-1975	
<i>Y</i>	22	5,375,410		Briesch, et. al.	12-27-1994	

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		Office ³	Number ⁴	Kind Code ⁵ (Unknown)				
LHC	23	GB	2,117,056		Vadas, et. al.	10-05-1983		
LHC	24	JP	10037716		Nukumi Hisanori	10-02-1998		

Examiner Signature	<i>L.F. Camargo</i>	Date Considered	<i>5/9/05</i>
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<div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>(use as many sheets as necessary)</div>				<div>William Scott Rollins</div>	
Sheet	3	of	6		

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Examiner Signature	<i>L. L. Casanova</i>	Date Considered	<i>5-19/05</i>
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		Filing Date	
		First Named Inventor	William Scott Rollins III
		Group Art Unit	
		Examiner Name	
Sheet	4	of	6
		Attorney Docket Number	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published
LJC	29	JAMES S. WRIGHT, General Electric Company (GE) Power Systems "Steam Turbine Cycle Optimization, Evaluation, and Performance Testing Considerations" GE Power Systems, Building 2, Room 115R, One River Road, Schenectady, NY 12345 (GE Reference GER-3642L, 1996)
	30	JOHN K. REINKER, PAUL H. MASON, General Electric Company (GE) Power Systems "Steam Turbines for Large Power Applications" GE Power Systems, Building 2, Room 115R, One River Road, Schenectady, NY 12345 (GE Reference GER-3646D, 1996)
	31	FRANK J. BROOKS, General Electric Company (GE) Power Systems "GE Heavy-Duty Gas Turbine Performance Characteristics" GE Power Systems, Building 2, Room 115R, One River Road, Schenectady, NY 12345 (GE Reference GER-3567G, 1996)
	32	DAVID L. CHASE, LEROY O. TOMLINSON, THOMAS L. DAVIDSON, RAUL W. SMITH, CHRIS E. MASLAK General Electric Company (GE) Power Systems, "GE Combined-Cycle Product Line and Performance", Table 14 GE Power Systems, Building 2, Room 115R, One River Road, Schenectady, NY 12345 (GE Reference GER-3574F, 1996)
	33	M. BOSS, General Electric Company (GE) Power Systems "Steam Turbines for STAG(TM) Combined Cycle Power Systems" GE Power Systems, Building 2, Room 115R, One River Road, Schenectady, NY 12345 (GE Reference GER-3582E, 1996)
	34	KLAUS M. RETZLAFF, W. ANTHONY RUEGGER, General Electric Company (GE) Power Systems "Steam Turbines for Ultrasupercritical Power Plants" GE Power Systems, Building 2, Room 115R, One River Road, Schenectady, NY 12345 (GE Reference GER-3945, 1996)
	35	CAROLANN GIOVANDO, "Explore Opportunities from Today's Steam Turbine", http://www.powermag.com POWER MAGAZINE, Volume 142, Number 4 (ISSN 0032-5929, July/August 1998, pages 28-39)
	36	"Dash for Gas Turbines: Prudent Planning or Speculative Bubble?", http://www.powermag.com POWER MAGAZINE, Volume 143, Number 2 (ISSN 0032-5929, March/April 1999, pages 13-15)
	37	"Combined Cycle Plant Specifications" International Turbomachinery Handbook 97 Turbomachinery Publications, Volume 38, Number 6 (ISSN 0149-4147, 1997, pages 140-147)
	38	Energy Information Administration, Office of Integrated Analysis and Forecasting U.S. Department of Energy, Washington, D.C. 20585 "Electricity Prices in a Competitive Environment: Marginal Cost Pricing of Generation Services and Financial Status of Electric Utilities - A Preliminary Analysis Through 2015" U.S. Department of Energy document (X)E/EIA-0614, Distribution Category UC-950, August 1997
V	39	Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels U.S. Department of Energy, Washington, D.C. 20585-0650 "Electric Power Annual 1997 - Volume II" U.S. Department of Energy document DOE/EIA-0348(97)/2, Distribution Category UC-950, October 1998

Examiner Signature	<i>L. J. Carayola</i>	Date Considered	5/9/05
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Substitute for form 1449B/PTO		Complete if Known	
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		Filing Date	
		First Named Inventor	William Scott Rollins III
		Group Art Unit	
		Examiner Name	
Sheet 5 of 6	Attorney Docket Number		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
LSC	40	JONATHAN S. MARTEL "ENVIRONMENTAL 'New Source' Scrutiny" The National Law Journal, page B6, August 23, 1999	
	41	JOHN D. MOUNTFORD and RICARDO R. AUSTRIA "Keeping the Lights On!" IEEE Spectrum, pages 34-39, (ISSN 0018-9235, June 1999)	
	42	CARSON W. TAYLOR "Improving Grid Behavior" IEEE Spectrum, pages 40-45, (ISSN 0018-9235, June 1999)	
V	43	DAVID A. JONES & RONALD L. SKELTON "The Next Threat to Grid Reliability - DATA SECURITY" IEEE Spectrum, pages 46-48, (ISSN 0018-9235, June 1999)	
LSC	44	Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels U.S. Department of Energy, Washington, D.C. 20585-0650 "State Electricity Profiles" U.S. Department of Energy document DOE/EIA-0629, Distribution Category UC-950, February 1999	

Examiner Signature	<i>L. B. Coccaregolo</i>	Date Considered	5/9/05
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			Group Art Unit		
Examiner Name					
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Sheet	6	of	6		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
LAC	45	WILLIAM SWEET & ELIZABETH A. BRETZ. "Toward Carbon-Free Energy". IEEE Spectrum Magazine, Vol. 36, No. 11, pages 28-33 (ISSN 0018-9235, www.spectrum.ieee.org, Nov. 1999)	
	46	MARLOWE HOOD & WILLIAM SWEET. "Energy Policy and Politics in China". IEEE Spectrum Magazine, Vol. 36, No. 11, pages 34-38 (ISSN 0018-9235, www.spectrum.ieee.org, Nov. 1999)	
	47	WILLIAM SWEET & MARLOWE HOOD. "Can China Consume Less Coal?". IEEE Spectrum Magazine, Vol. 36, No. 11, pages 39-47 (ISSN 0018-9235, www.spectrum.ieee.org, Nov. 1999)	
	48	ELIZABETH A. BRETZ & VIR SINGH. "India's Power Struggles". IEEE Spectrum Magazine, Vol. 36, No. 11, pages 47-56 (ISSN 0018-9235, www.spectrum.ieee.org, Nov. 1999)	
V	49	SUSAN E. AVERY. "The Electricity Market - Competition Brings More Options". Plants Sites & Parks Magazine, pages 20-24 (August/September 1999)	

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